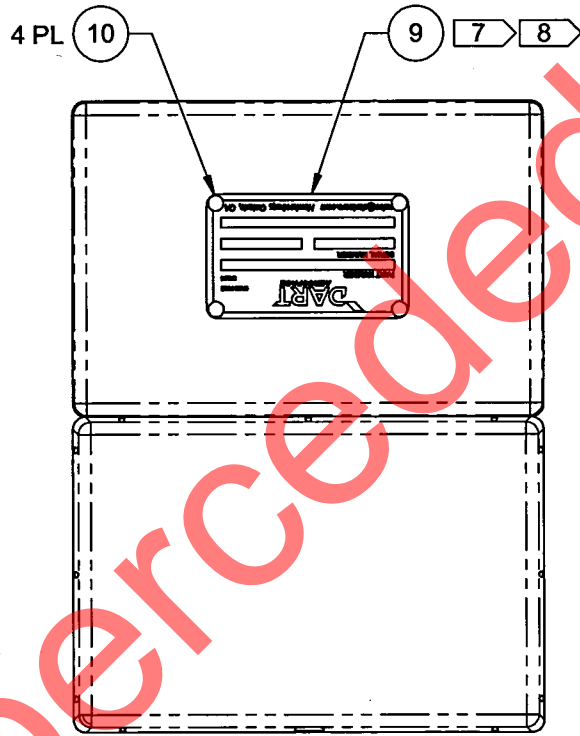
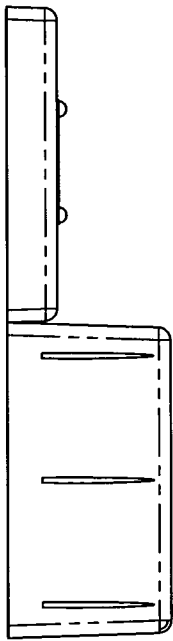
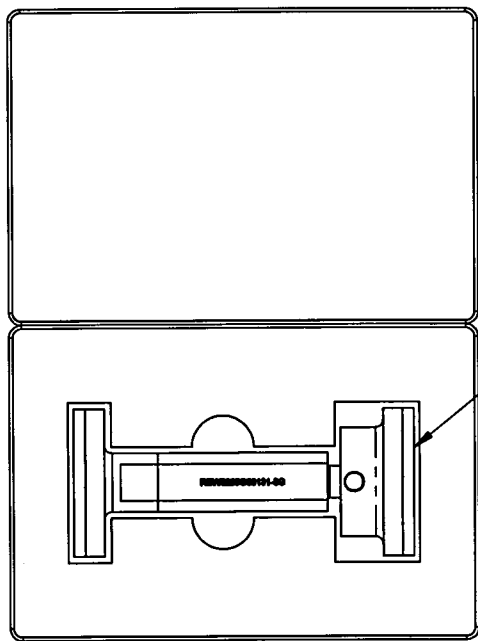


ITEM #	QTY	PART #	PART TITLE
-1	1	RBW6205G06131-3G-1	PACKAGING ASSY
-4	1	RBW6205G06131-3G-4	EXPANDER ASSY
9	1	RB41011	DART PLACARD
10	4	McMaster#97524A032 OR EQUIV.	ALUMINUM SEALING BLIND RIVETS 1/8" DIA. x 0.425" LG.



RBW6205G06131-3G M/R PITCH CONTROL LEVER EXPANDER

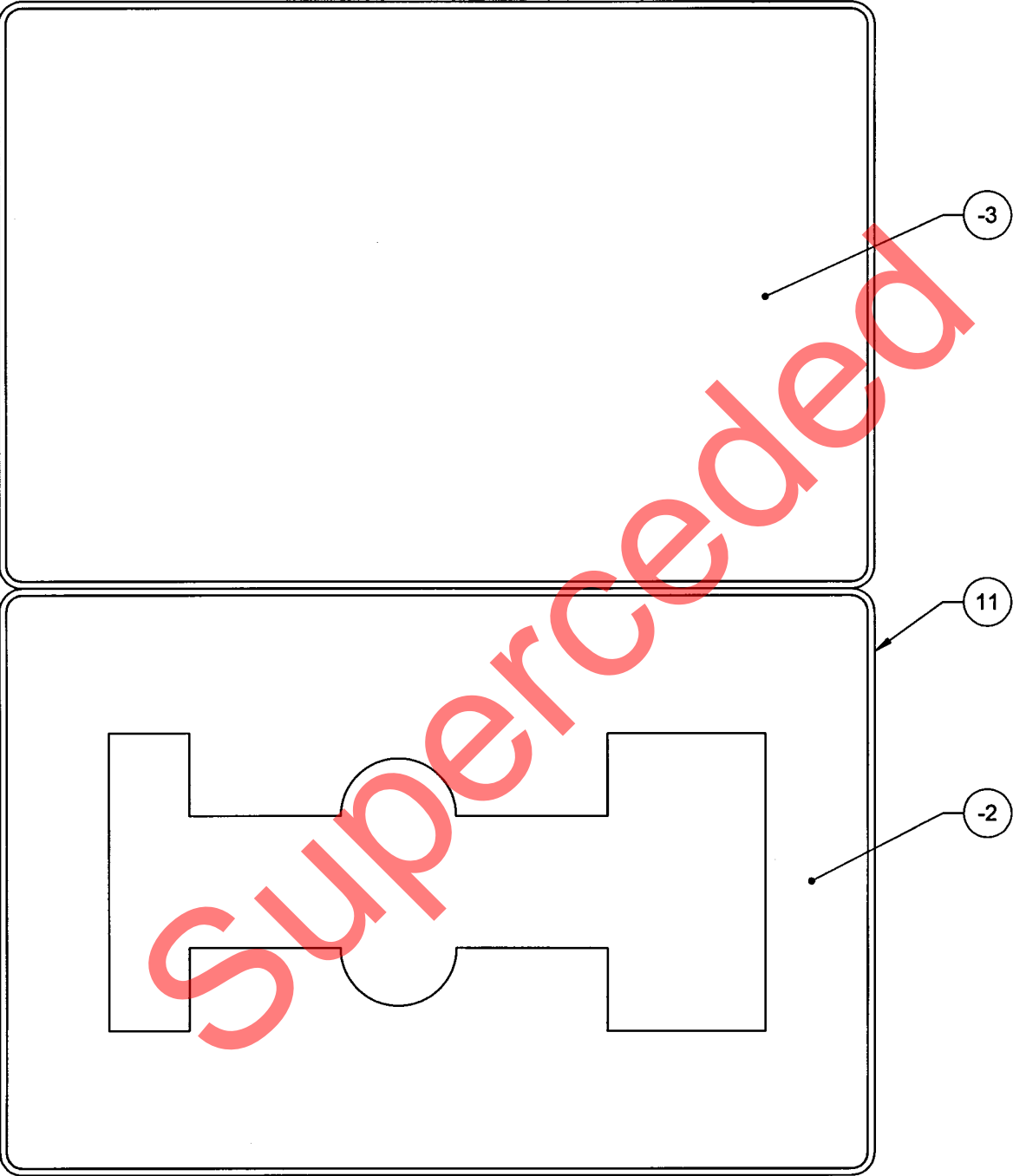
NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: N/A
- 7) IDENTIFICATION: ENGRAVE THE TOOL P/N & S/N ON THE DART PLACARD WHERE INDICATED
- 8) INSTALL THE DART PLACARD ONTO THE TOP OF THE CASE IN AVAILABLE AREA USING ALUMINIUM POP RIVETS
- 9) HOT GLUE THE TOP AND BOTTOM FOAM INTO THE CASE

C	UPDATED DRAWING TEMPLATE. CH'D DASH NUMBERS. REMOVED -11 SPRING PIN MCMASTER-CARR#90692A741. ADDED SPRING PLUNGER McMaster#3126A149		18-744	KPT
	-1 ADDED PACKAGING ASSY -2 WAS -15 IS -2 -3 WAS -17 IS -3 -4 WAS -1 IS -4 -5 WAS -3 IS -5. FINISH WAS ZINC PLATE IS BLACK OXIDE -6 WAS -5 IS -6. FINISH WAS ZINC PLATE IS BLACK OXIDE -7 CH'D DIM WAS Ø0.94 IS Ø1.75. ADDED 3 HOLES 3/8-16 EQL SPC. FINISH WAS ZINC PLATE IS BLACK OXIDE -8 WAS -9 IS -8			
2	-3, -5, -7 CH'D FINISH WAS CAD PLATE YELLOW IS ZINC PLATE SPEC. ASTM B633 TYPE I SC 2. -3 DELETED DETAIL B, ADDED MIN. UNDERCUT NOTE, CH'D DIM WAS .60 IS 2X .60, CH'D THREAD CALL OUT WAS 9/16 -18 IS 9/16-18 UNF -2A, WAS 3X 10-32 UNF THRU ALL IS 3X 10-32 UNF -2B THRU ALL. -5 CH'D THREAD CALLOUT WAS 9/16-18 UNF 2.00 IS 9/16-18 UNF - 2B 2.00. -7 ADDED DIM .220, CH'D THREAD CALL OUT WAS 3X 10-32 UNF THRU ALL IS 3X 10-32 UNF -2B THRU ALL. -9 CH'D DIM WAS (.188) IS .19, CH'D MATERIAL WAS NYLON/DELIN IS NYLON/DELIN/ACETAL. -15, -17 CH'D DWG. TO SHEET METAL TOLERANCE, CH'D MATERIAL AND VENDOR WAS Y20 BLACK I.R. SPECIALTY IS ETHAFOAM 220, BLACK (CASE SOLUTIONS). -15 CH'D DIM WAS 4.83 IS 4.93, WAS 7.34 IS 7.43, WAS 2.58 IS 2.55, WAS 4X R.08 IS 4X R.14, DELETED DIM 4X R.08, ADDED DIMS 4X .50, 4X 45°. -17 CH'D DIM WAS 4.67 IS 4.93, WAS 7.14 IS 7.43, WAS 4X R.13 IS 4X R.14, WAS .45 IS .72, WAS 4X 1° IS 4X 2°, ADDED DIMS 4X .38, 4X 45°. -23, -25 DELETED.			RJC
1	RELEASED FOR PRODUCTION			DPD
REV.	DESCRIPTION		ECN #	BY
DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	KPT			
CHECKED	VM	TOOL PART #	REV C	
MFG. APPR.	FK	RBW6205G06131-3G	SHEET 1 OF 9	
APPROVED		TITLE	SCALE	
		M/R PITCH CONTROL LEVER EXPANDER	NTS	
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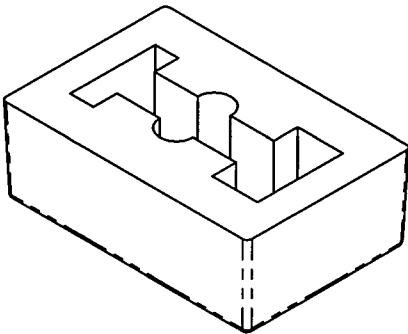
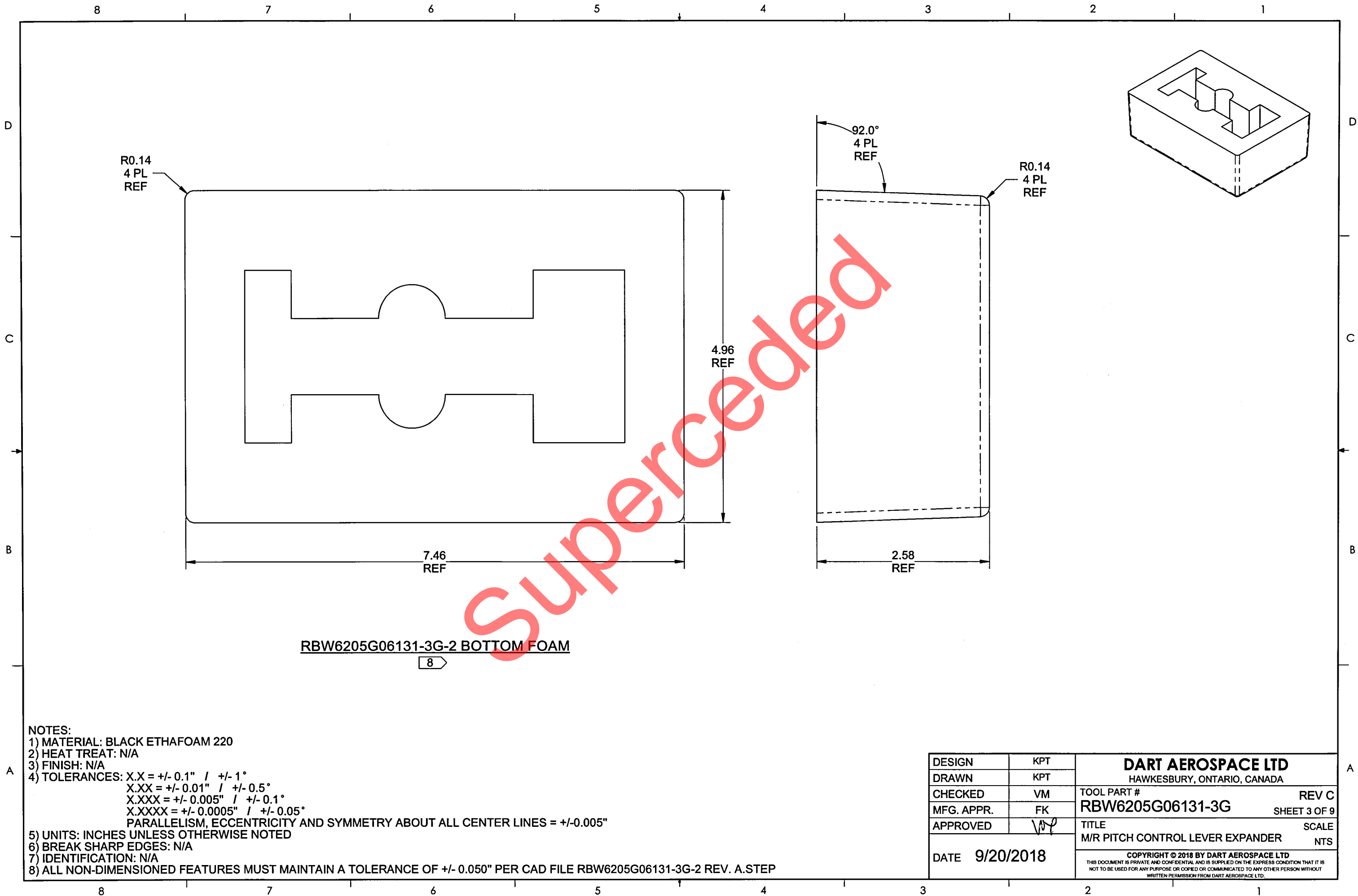
ITEM #	QTY	PART #	PART TITLE
-2	1	RBW6205G06131-3G-2	BOTTOM FOAM
-3	1	RBW6205G06131-3G-3	TOP FOAM
11	1	PELICAN #APP-1120-E	PELICAN CASE 1120

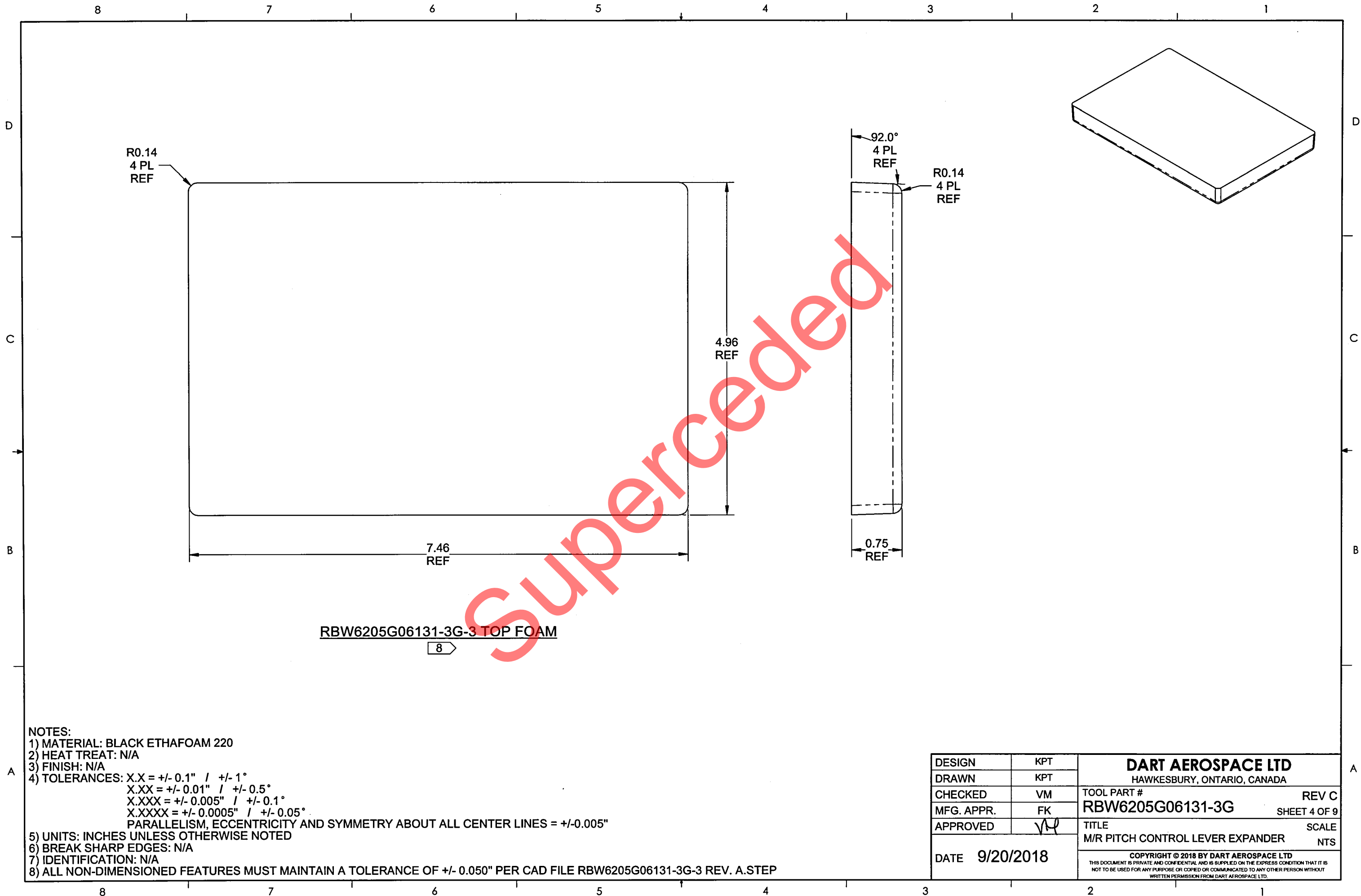


NOTES:
1) MATERIAL: N/A
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: N/A
7) IDENTIFICATION: N/A

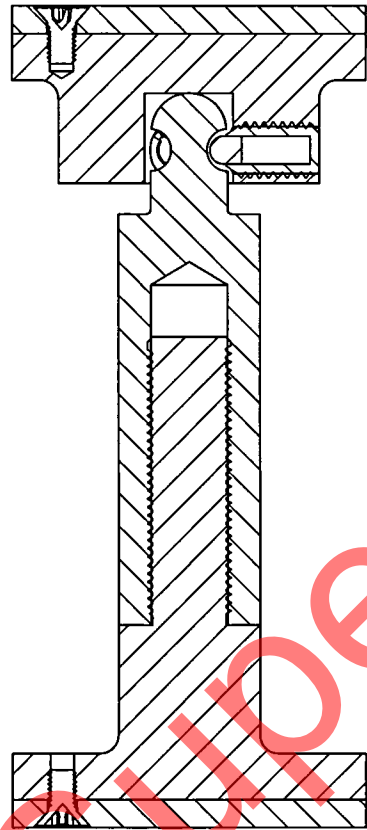
RBW6205G06131-3G-1 PACKAGING ASSY

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	VM	TOOL PART #	REV C
MFG. APPR.	FK	RBW6205G06131-3G	SHEET 2 OF 9
APPROVED	VH	TITLE	SCALE
DATE 9/20/2018		M/R PITCH CONTROL LEVER EXPANDER	NTS
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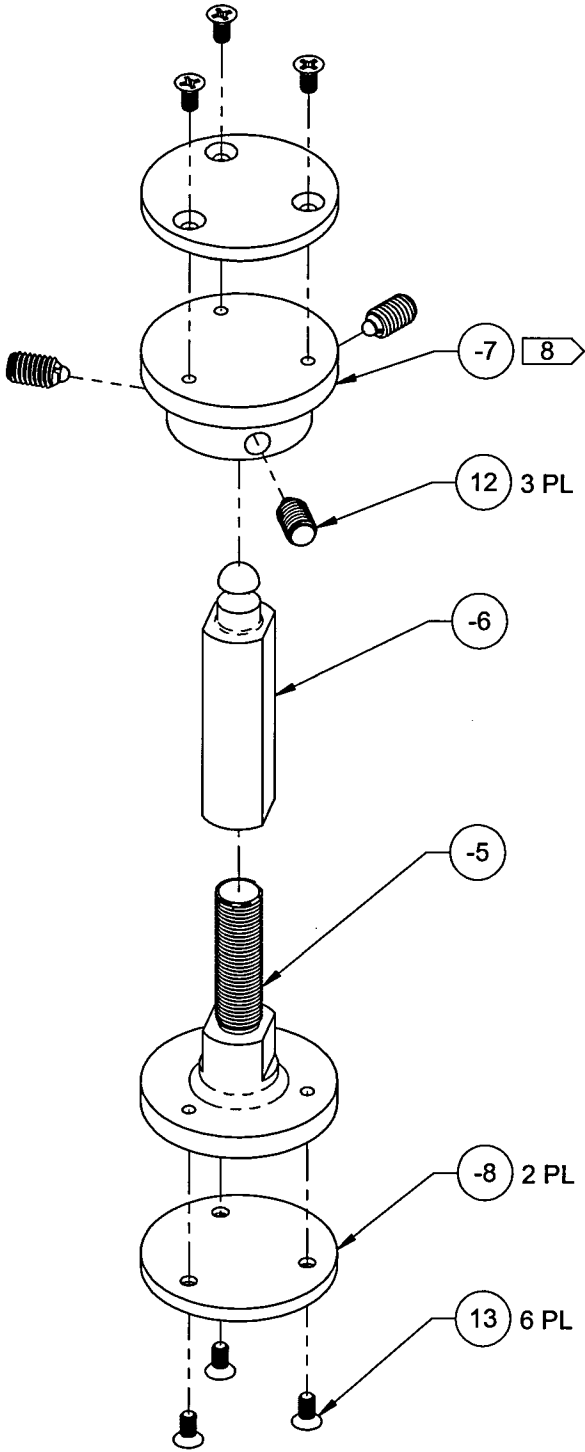


ITEM #	QTY	PART #	PART TITLE
-5	1	RBW6205G06131-3G-5	BASE
-6	1	RBW6205G06131-3G-6	EXPANDER
-7	1	RBW6205G06131-3G-7	END
-8	2	RBW6205G06131-3G-8	PAD
12	3	McMaster#3126A149 OR EQUIV.	STEEL SPRING PLUNGER 3/8"-16 X 5/8" LG.
13	6	McMaster#90273A827 OR EQUIV.	STEEL PHILLIPS FLAT HEAD SCREW #10-32 X 3/8" LG.




RBW6205G06131-3G-4 EXPANDER ASSY

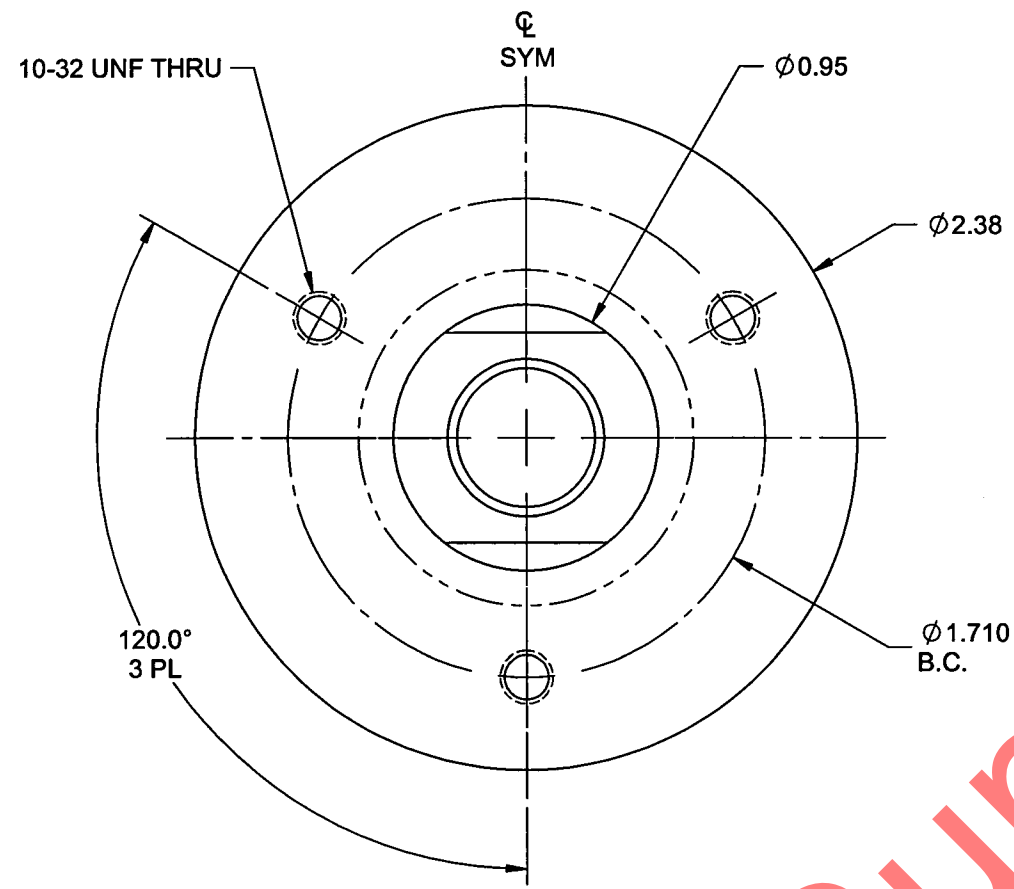
9



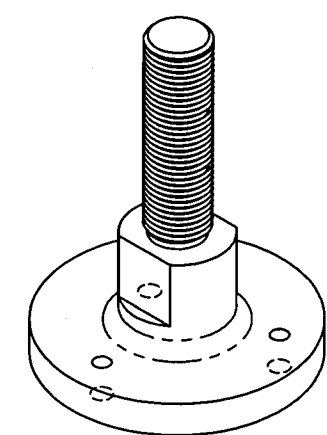
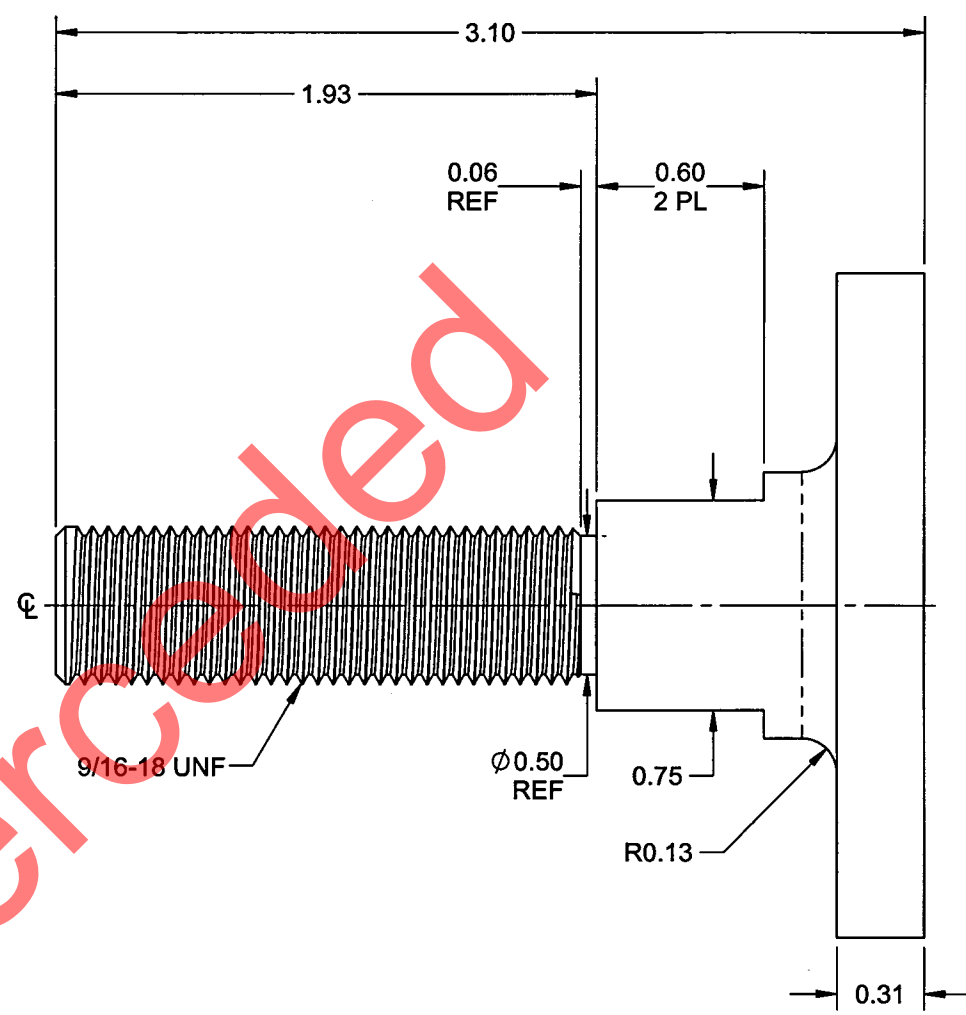
NOTES:

- 1) MATERIAL: N/A
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: N/A
7) IDENTIFICATION: N/A
8) ITEM -7 MUST ROTATE AND TILT FREELY ABOUT ITEM -6 WHEN ASSEMBLED
9) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	VM	TOOL PART #	REV C
MFG. APPR.	FK	RBW6205G06131-3G	SHEET 5 OF 9
APPROVED		TITLE	SCALE
DATE 9/20/2018		M/R PITCH CONTROL LEVER EXPANDER	NTS
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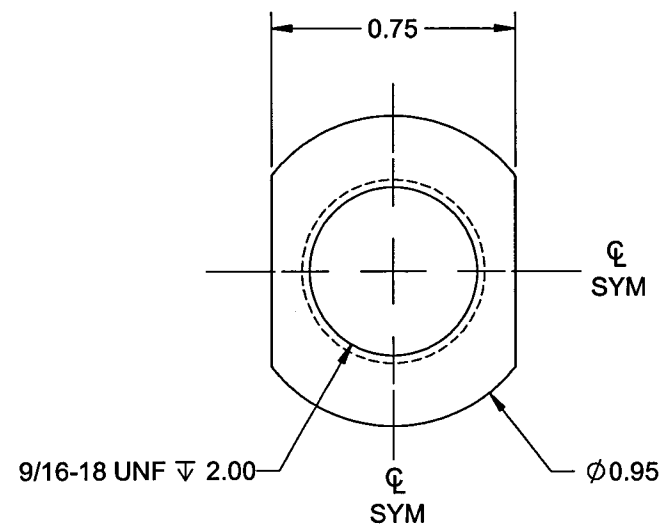


RBW6205G06131-3G-5 BASE

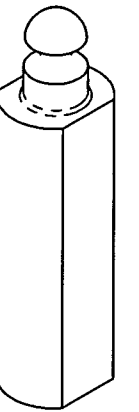
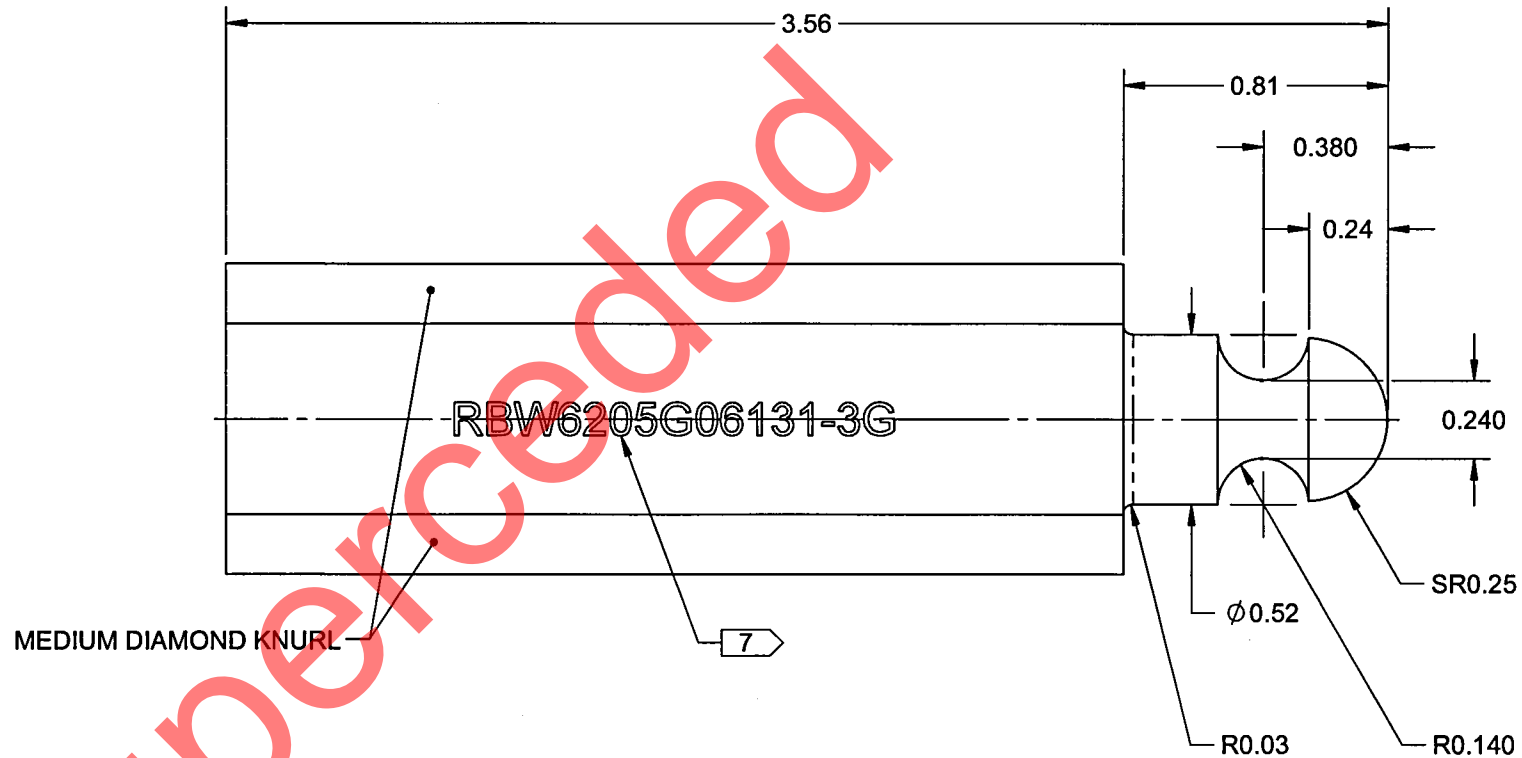


- NOTES:
- 1) MATERIAL: 4140/4142 (28-32 RC)
 - 2) HEAT TREAT: N/A
 - 3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) BREAK SHARP EDGES: 0.005" TO 0.010"
 - 7) IDENTIFICATION: N/A


DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	VM	TOOL PART #	REV C
MFG. APPR.	FK	RBW6205G06131-3G	SHEET 6 OF 9
APPROVED	W	TITLE	SCALE
DATE 9/20/2018		M/R PITCH CONTROL LEVER EXPANDER	NTS
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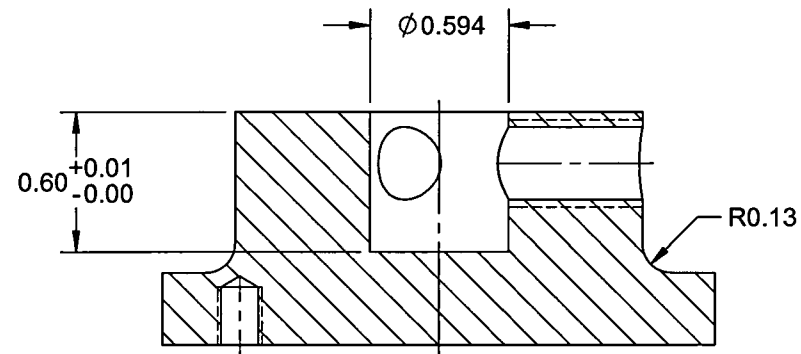


RBW6205G06131-3G-6 EXPANDER

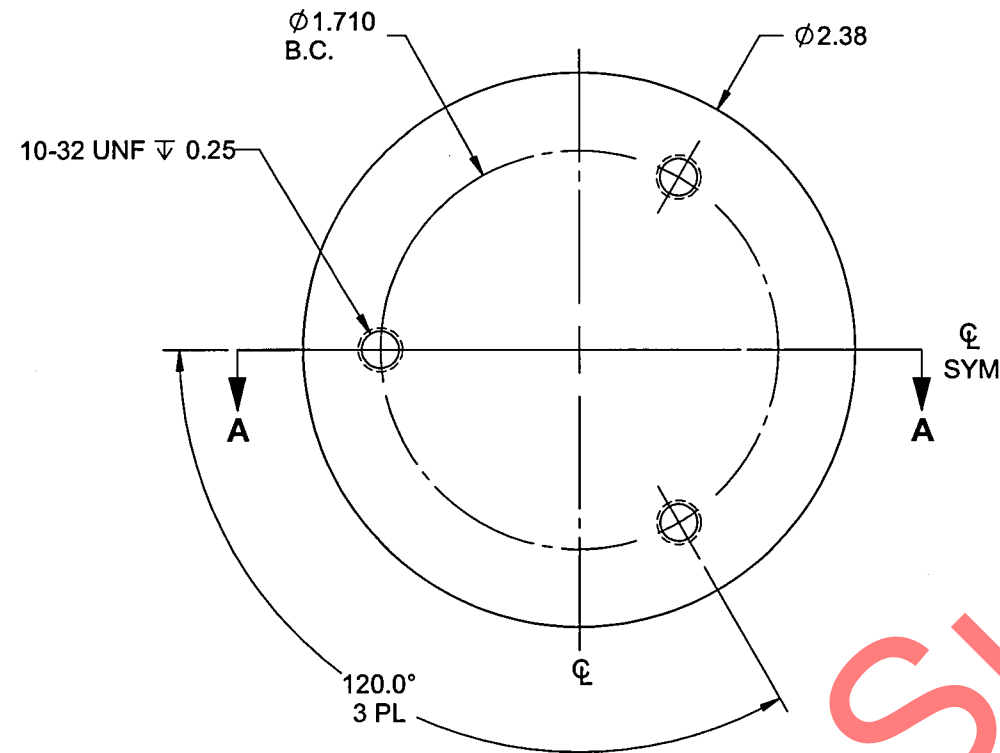


- NOTES:
- 1) MATERIAL: 4140/4142 (28-32 RC)
 - 2) HEAT TREAT: N/A
 - 3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) BREAK SHARP EDGES: 0.005" TO 0.010"
 - 7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N AS SHOWN

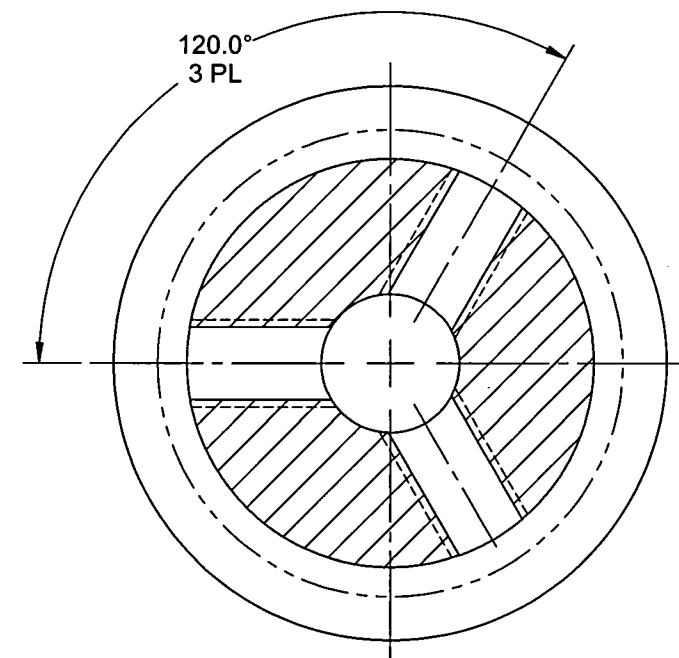
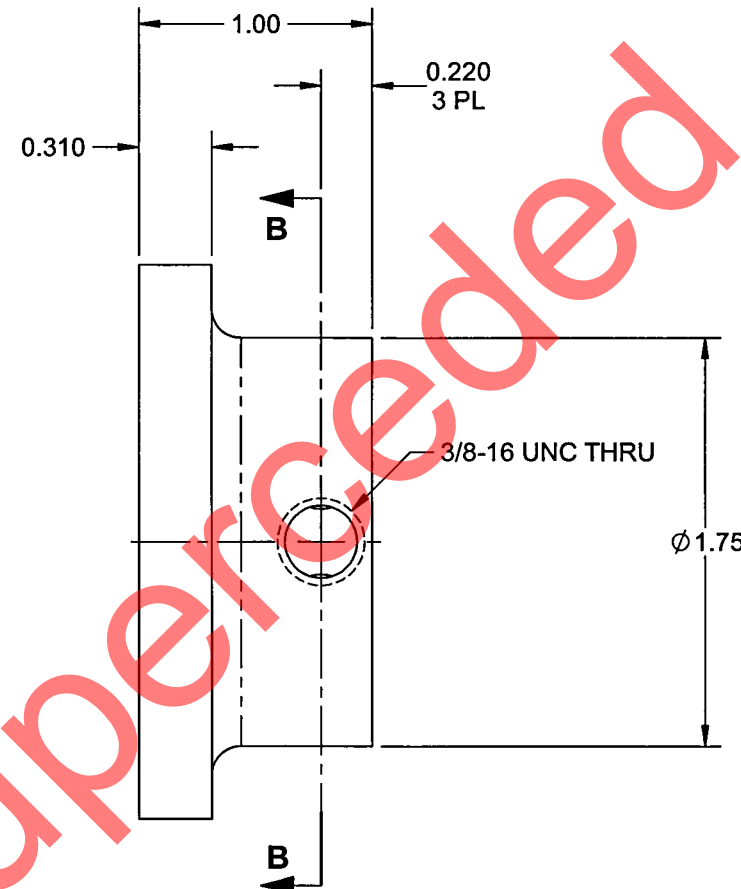
DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	VM	TOOL PART #	REV C
MFG. APPR.	FK	RBW6205G06131-3G	SHEET 7 OF 9
APPROVED		TITLE	SCALE
DATE 9/20/2018		M/R PITCH CONTROL LEVER EXPANDER	NTS
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SECTION A-A



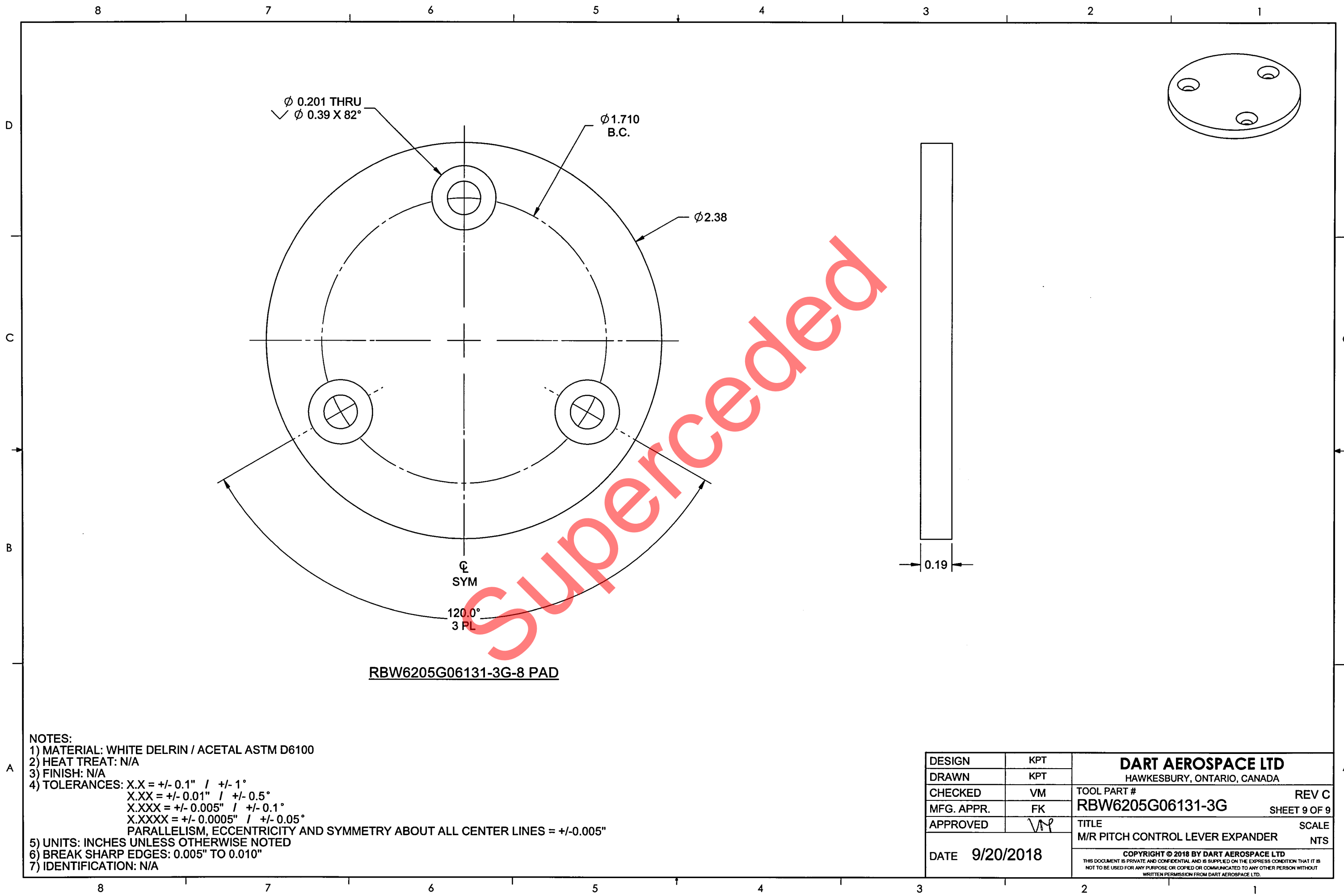
RBW6205G06131-3G-7 END



SECTION B-B

- NOTES:
- 1) MATERIAL: 4140/4142 (28-32 RC)
 - 2) HEAT TREAT: N/A
 - 3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
 X.XX = +/- 0.01" / +/- 0.5°
 X.XXX = +/- 0.005" / +/- 0.1°
 X.XXXX = +/- 0.0005" / +/- 0.05°
 PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) BREAK SHARP EDGES: 0.005" TO 0.010"
 - 7) IDENTIFICATION: N/A

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	VM	TOOL PART #	REV C
MFG. APPR.	FK	RBW6205G06131-3G	SHEET 8 OF 9
APPROVED	W	TITLE	SCALE
		M/R PITCH CONTROL LEVER EXPANDER	NTS
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NOTES:
1) MATERIAL: WHITE DELRIN / ACETAL ASTM D6100
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: 0.005" TO 0.010"
7) IDENTIFICATION: N/A

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	VM	TOOL PART #	REV C
MFG. APPR.	FK	RBW6205G06131-3G	SHEET 9 OF 9
APPROVED	VM	TITLE	SCALE
DATE 9/20/2018		M/R PITCH CONTROL LEVER EXPANDER	NTS
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